

FIG. 1

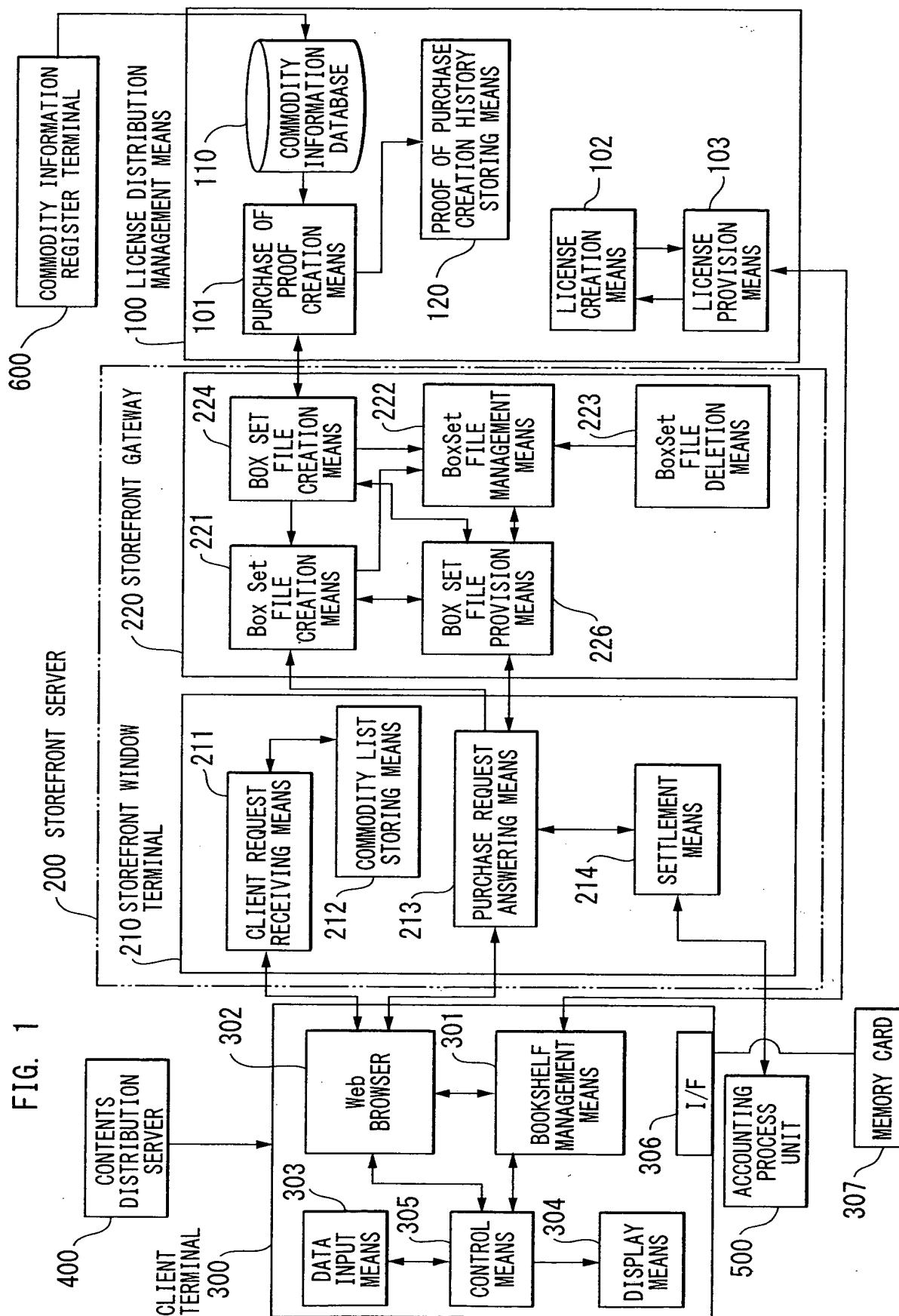
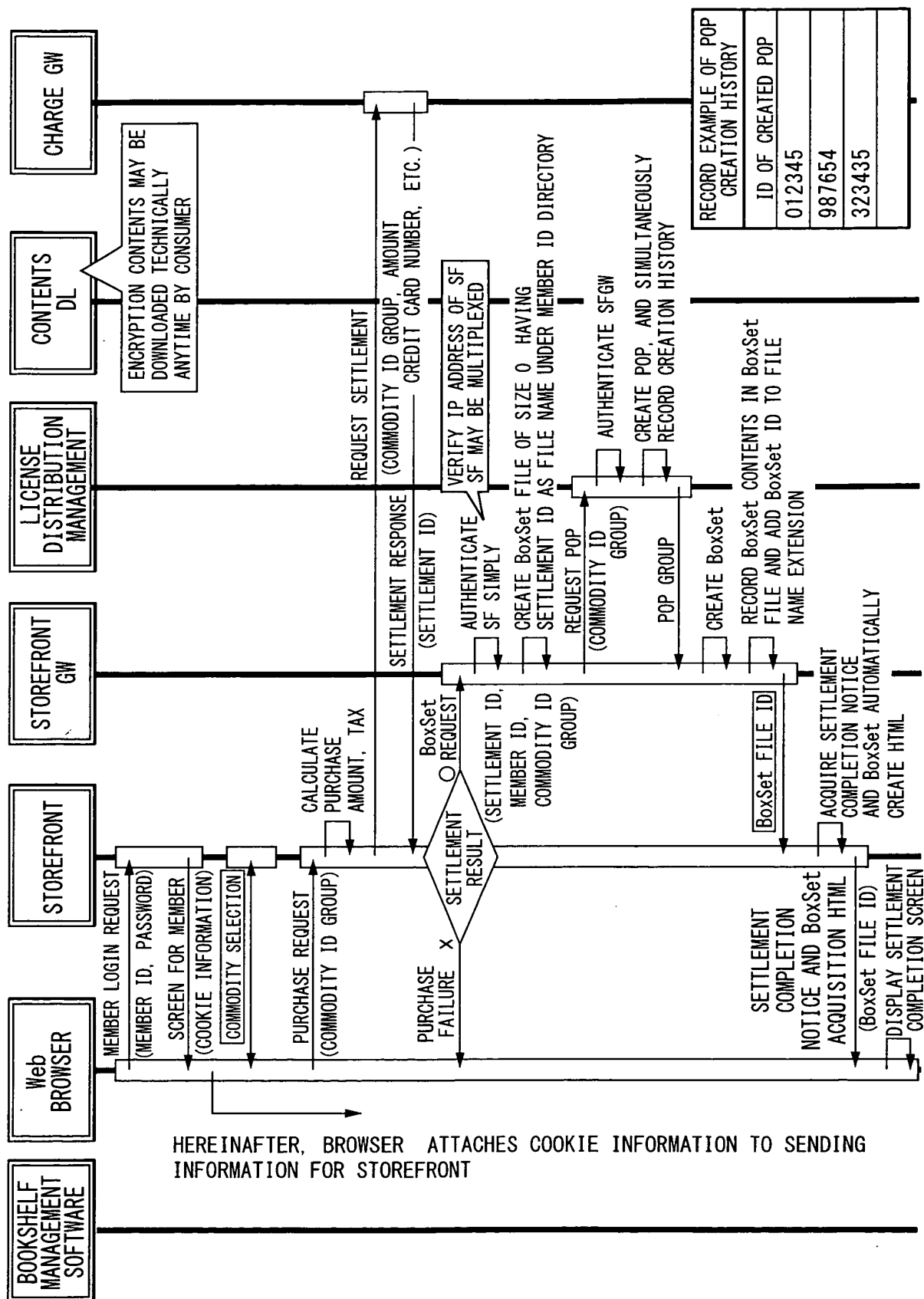
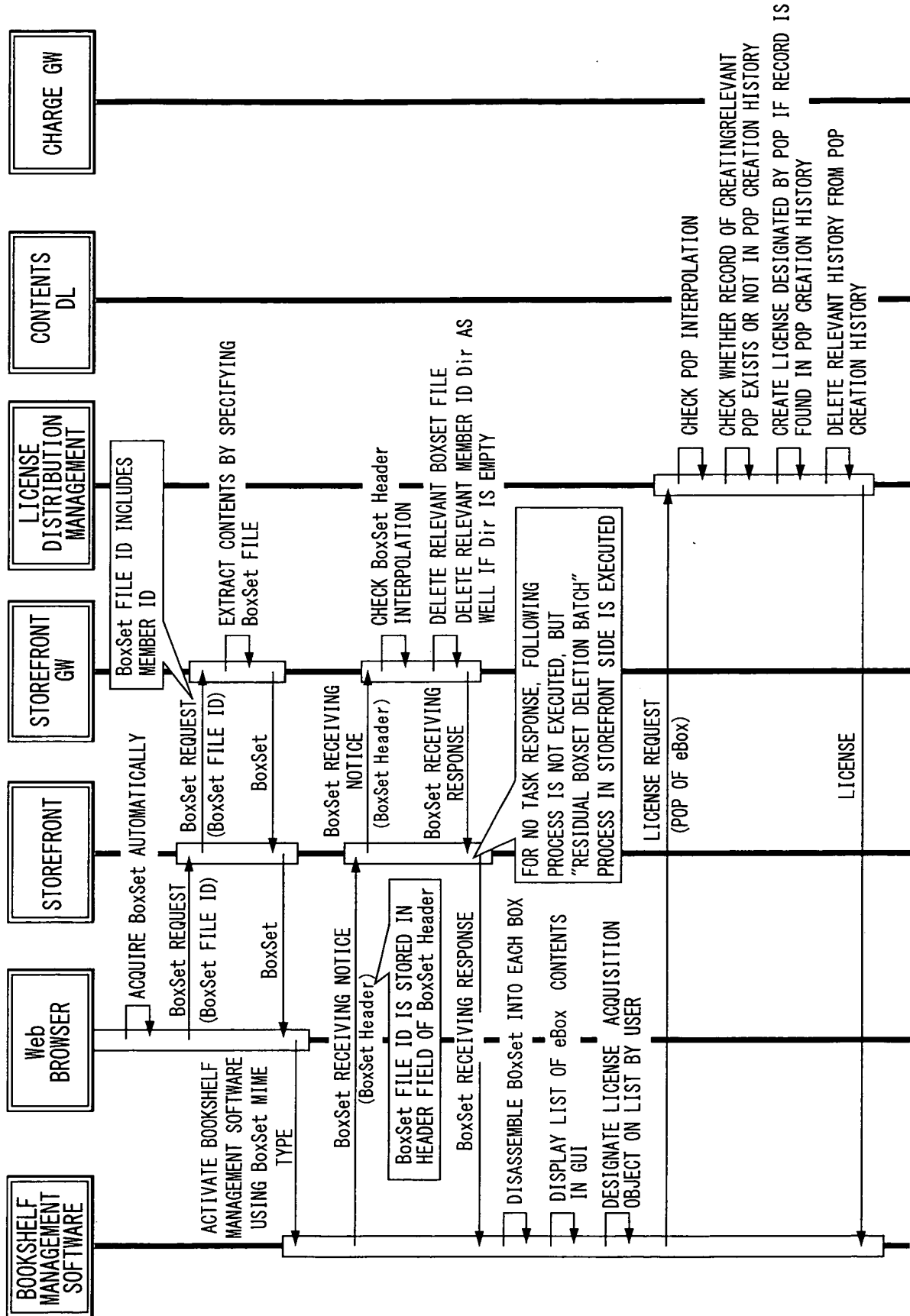


FIG. 2



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FIG. 3



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FIG. 4

PROOF OF PURCHASE

PROOF OF PURCHASE ID
COMMODITY ID
PURCHASE ITEM NAME
CONTENTS DOWNLOADING URL
PURCHASE AMOUNT (EXCLUSIVE OF TAX)
CONSUMPTION TAX RATE
PURCHASE DATE AND TIME
IP ADDRESS OF PURCHASE TERMINAL
SHOP NAME PURCHASING ITEMS
STOREFRONT URL
NAME OF LICENSE DISTRIBUTOR
LICENSE DISTRIBUTION MANAGING URL
NAME OF CUSTOMER SUPPORT SERVICE
SUPPORT SERVICE TELEPHONE NUMBER
SUPPORT SERVICE Email ADDRESS
SIGNATURE DATA

FIG. 5

eBOX

PROOF OF PURCHASE (POP)
METADATA

FIG. 6

BoxSet

BoxSetHeader
eBOX
eBOX
eBOX
:

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FIG. 7

BoxSetHeader	
BoxSet FILE ID	
SIGNATURE DATA	

FIG. 8

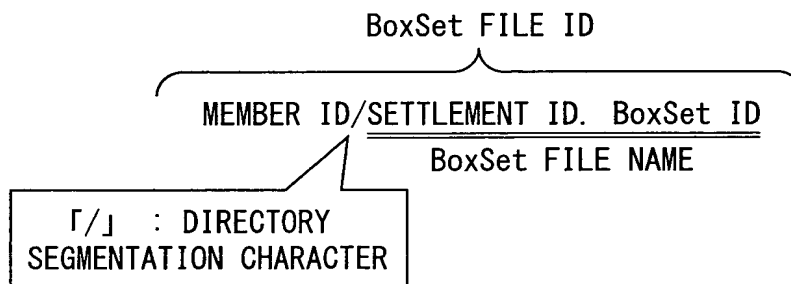
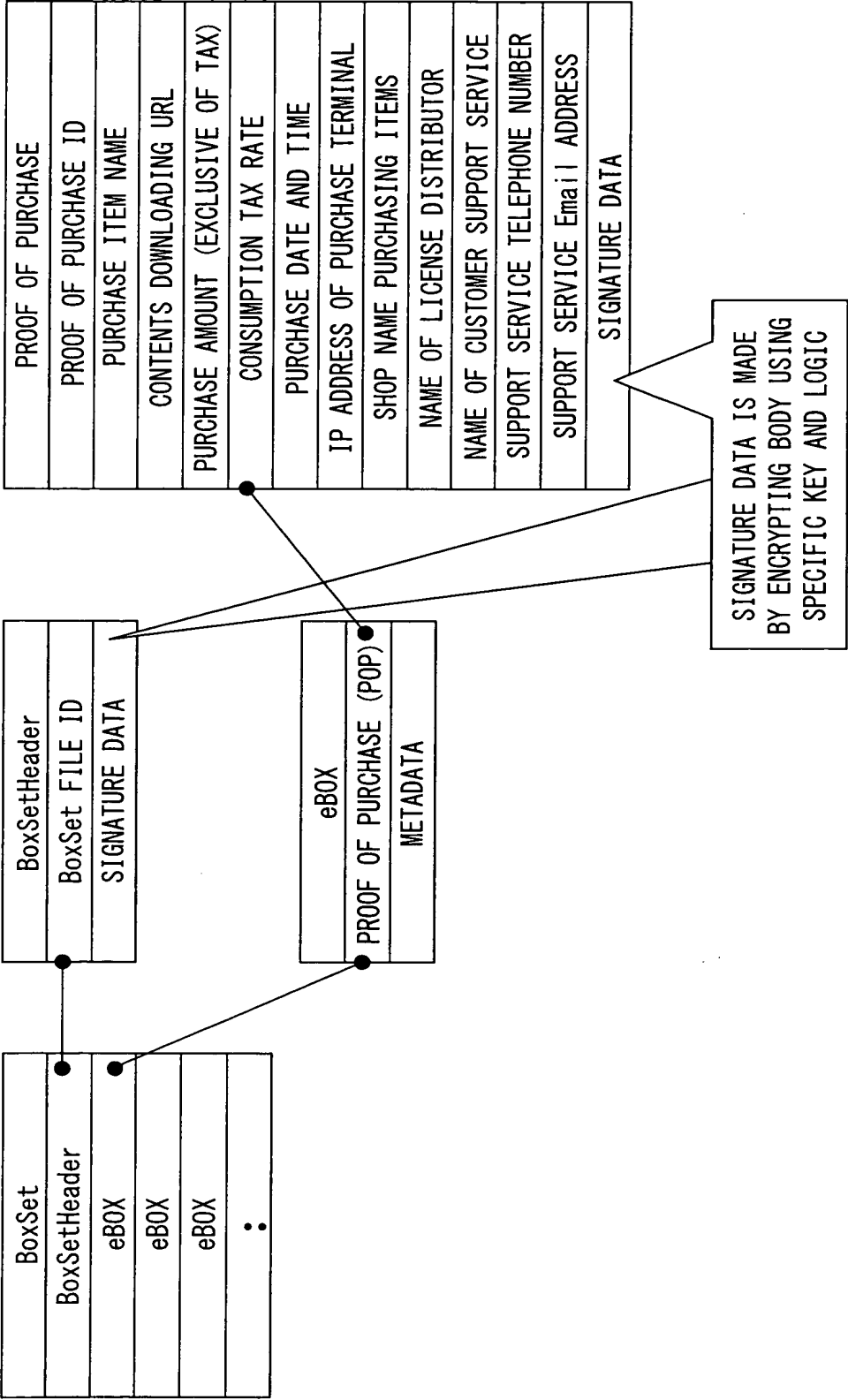
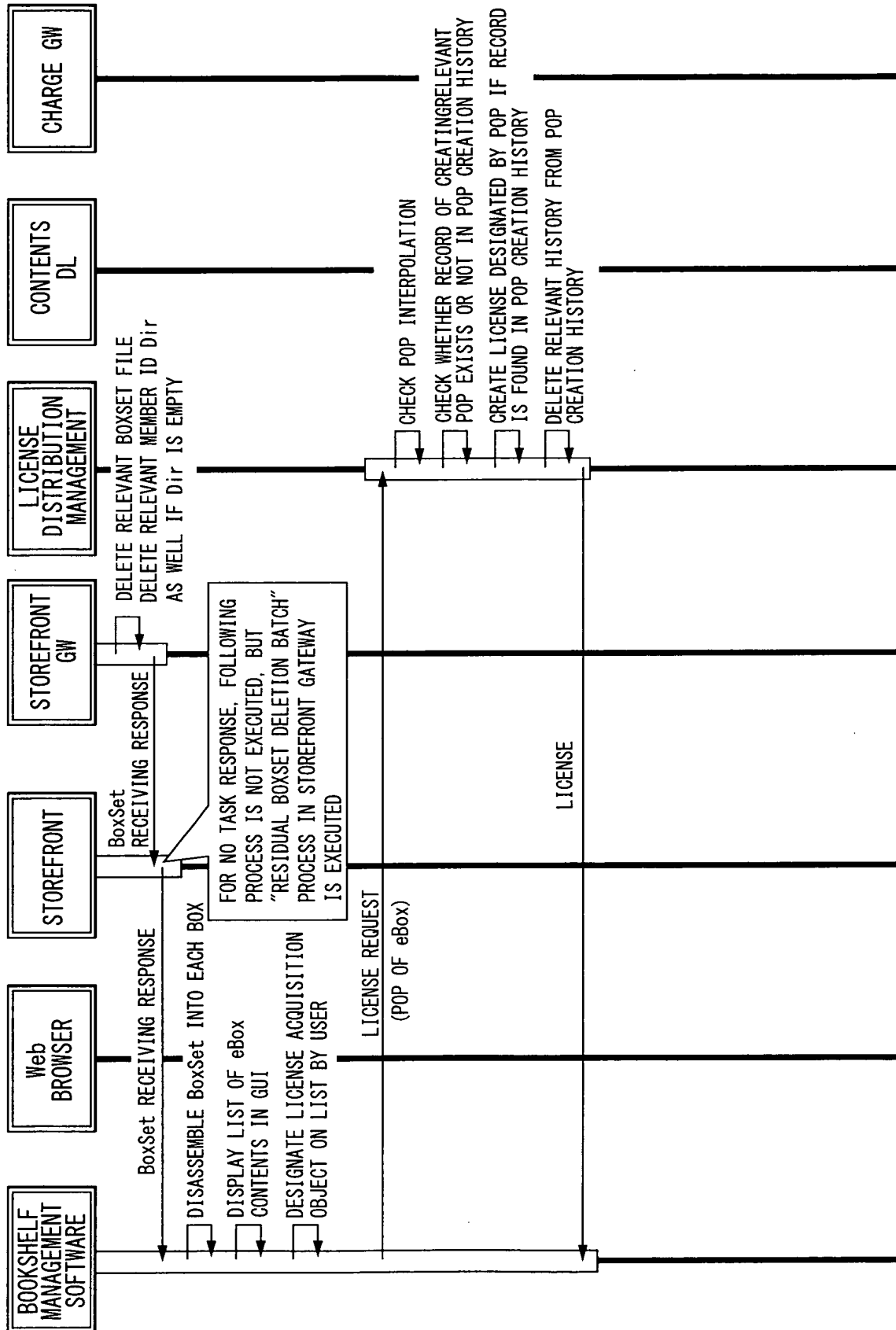


FIG. 9



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FIG. 11



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FIG. 12

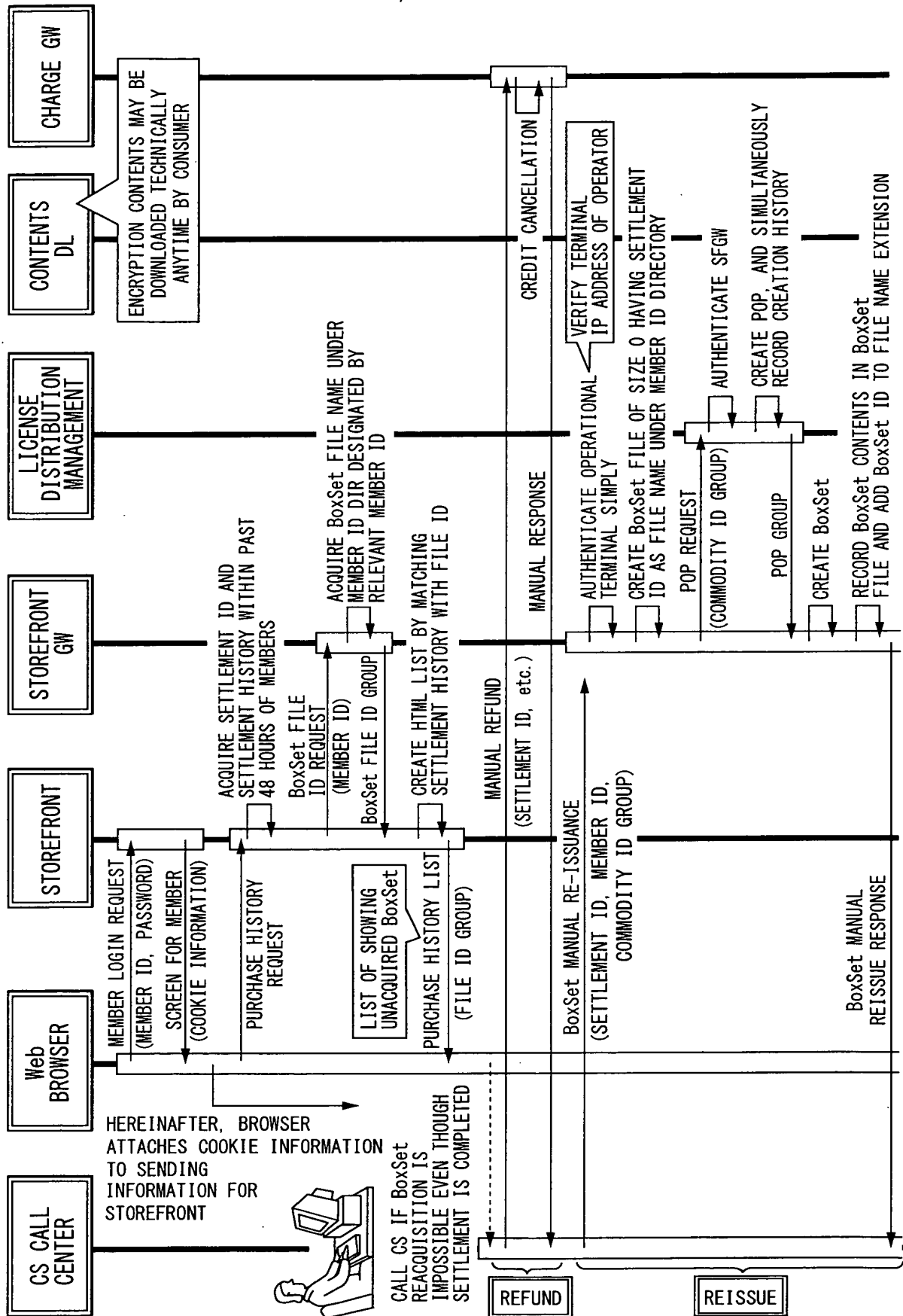
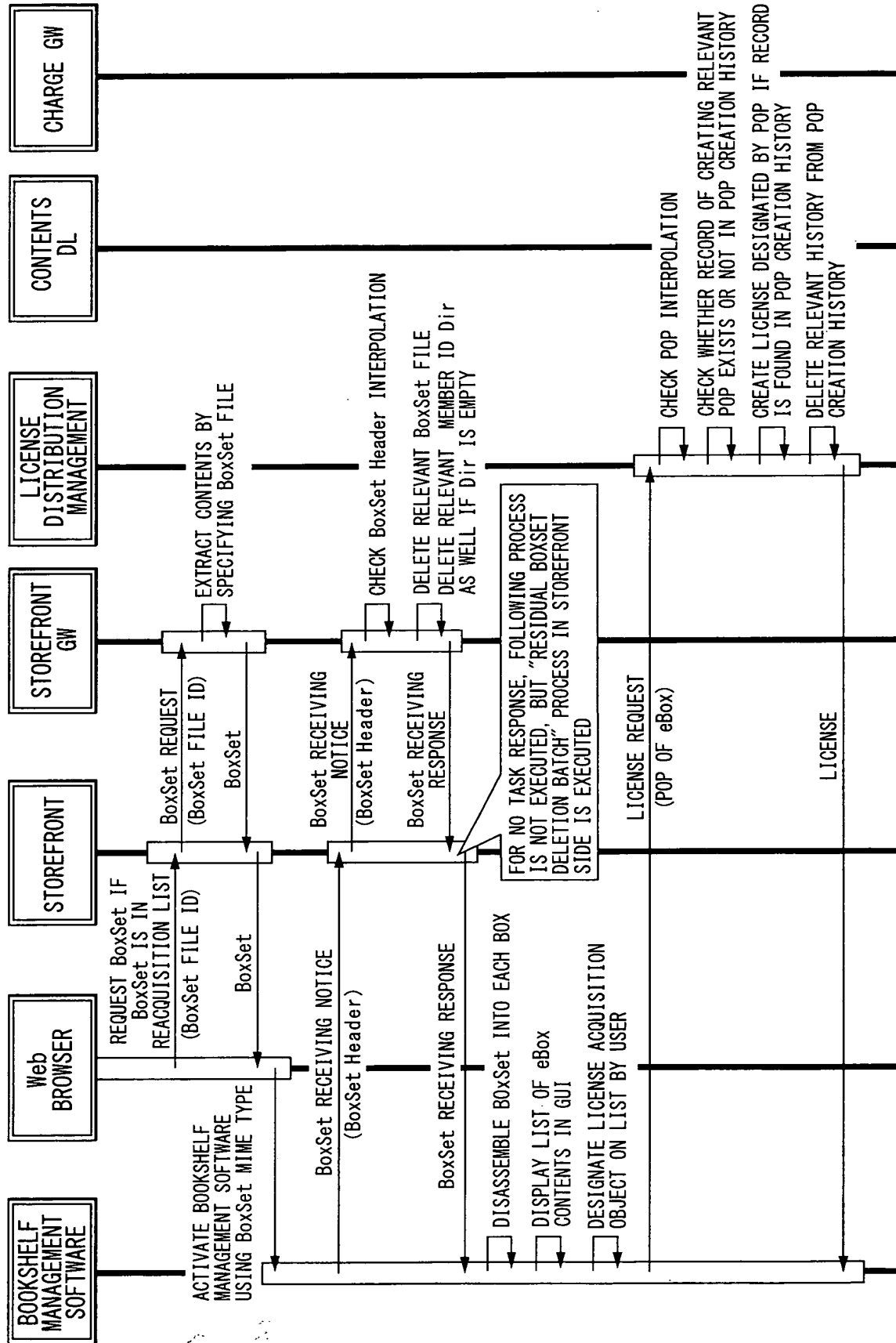


FIG. 13



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FIG. 15

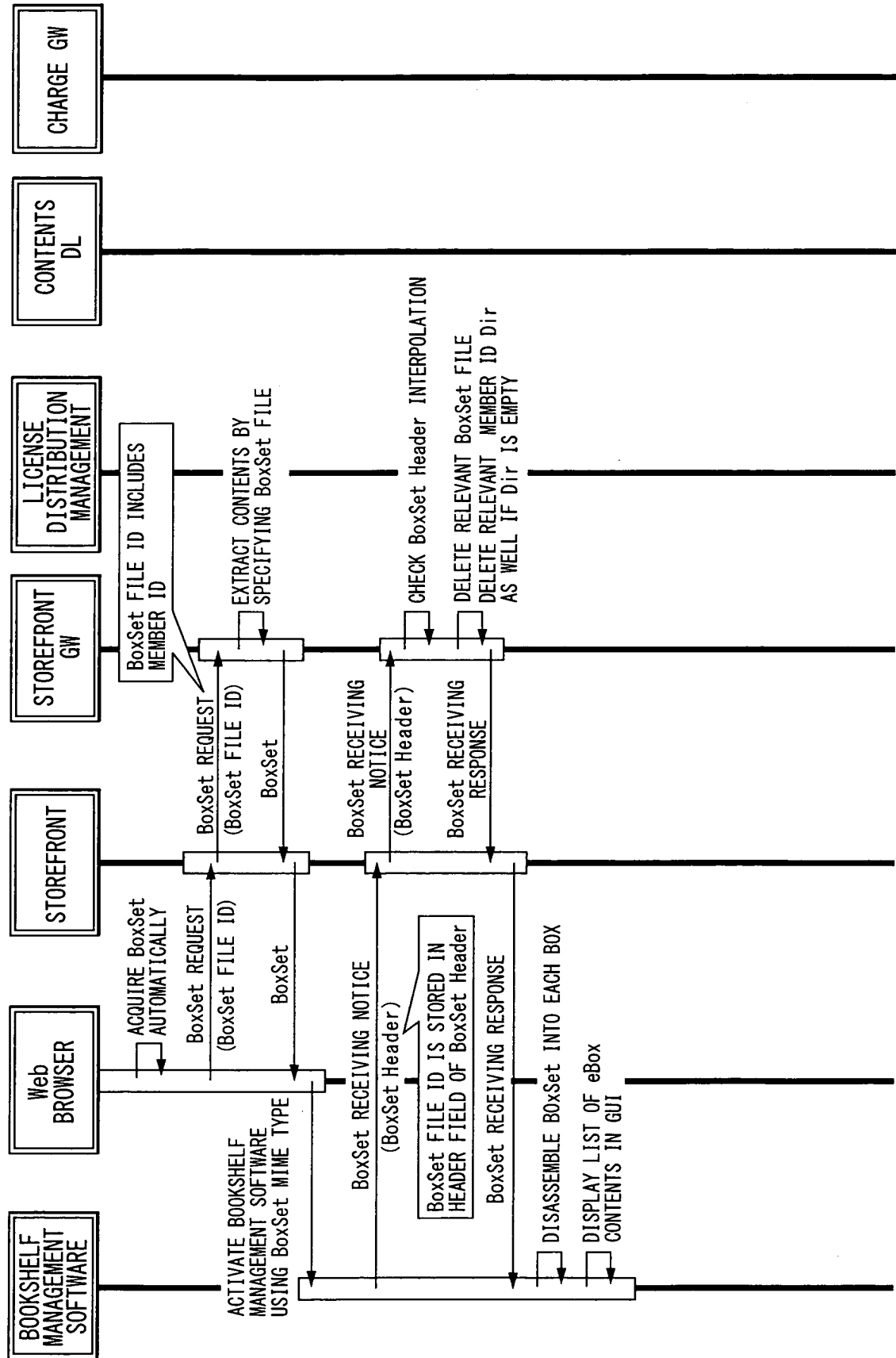
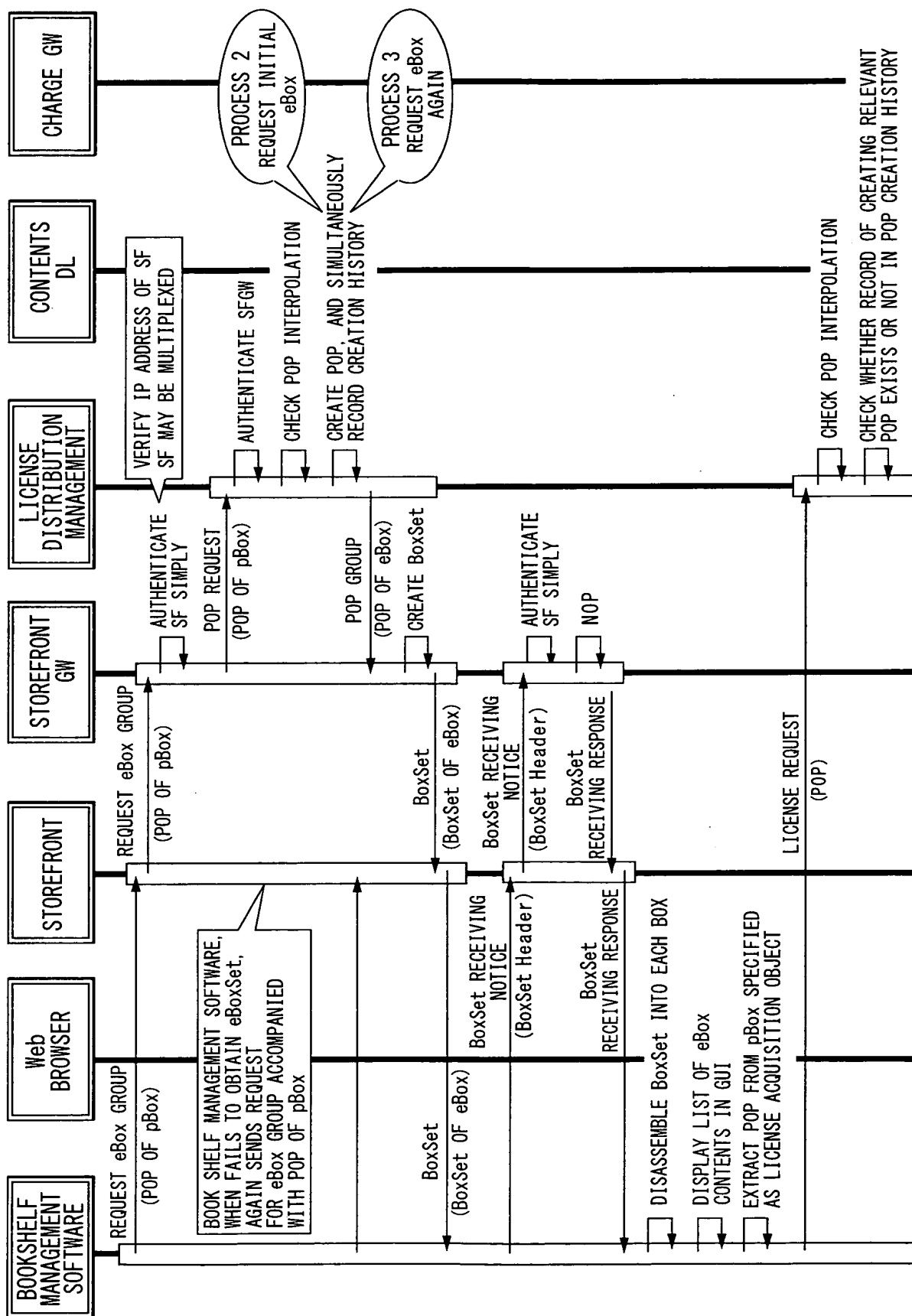
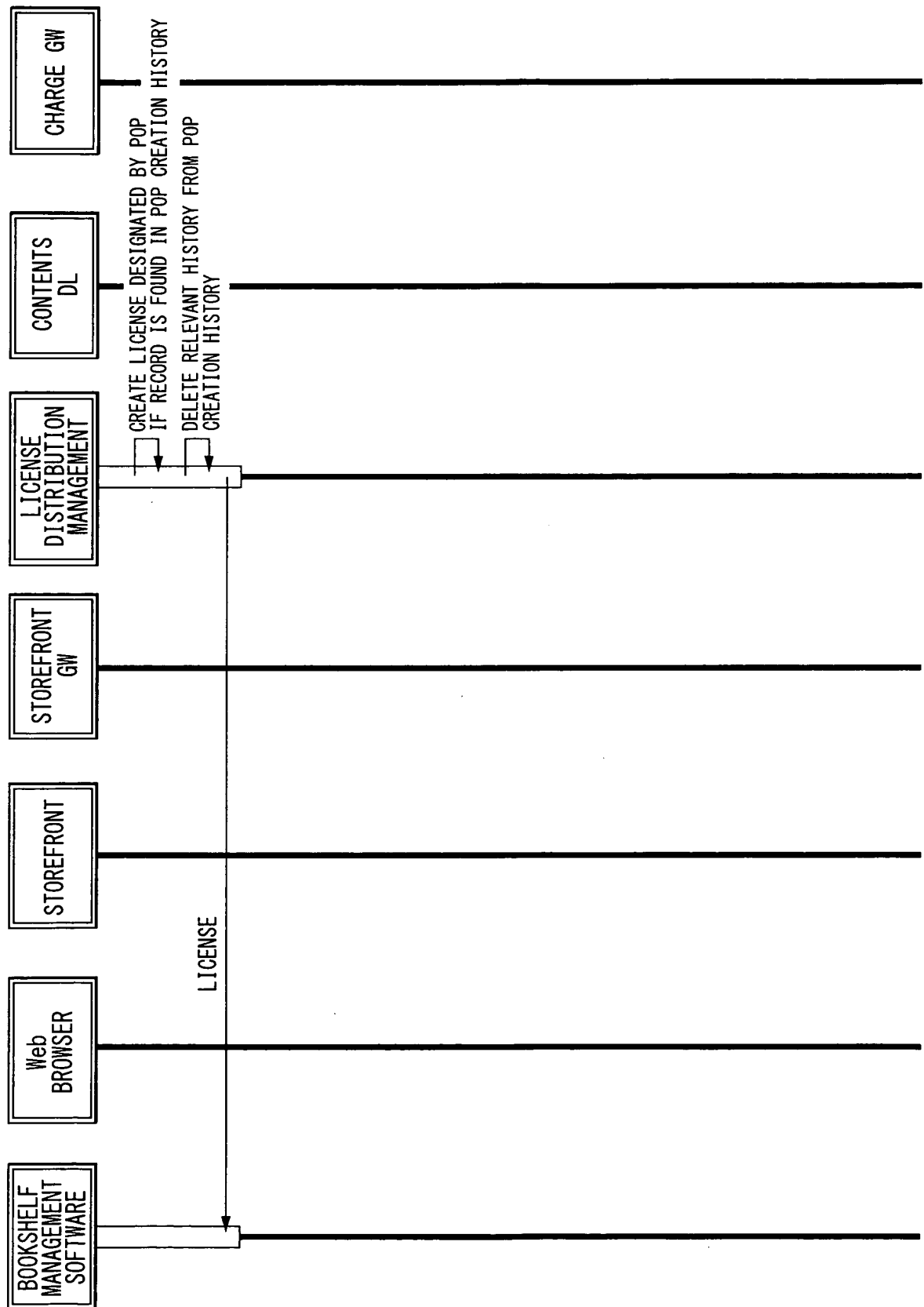


FIG. 16



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FIG. 17



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FIG. 18

① CONTENTS CAN BE COMMERCIALIZED USING PLURAL UsageRules.

[EXAMPLE]

MONTH	○ × MARCH 2003 ISSUE...	
USAGE RIGHT FOR THREE DAYS		¥150-
USAGE RIGHT FOR SEVEN DAYS		¥350-
USAGE RIGHT FOR ONE MONTH		¥550-
USAGE RIGHT FOR AN INDEFINITE PERIOD		¥850-

② IF THE CONTENTS ARE PERIODICAL PUBLICATION, THE RIGHT OF TAKING
SUBSCRIPTION OF THE LICENSE COMMODITY CAN BE COMMERCIALIZED.

[EXAMPLE]

MONTH	EACH ISSUE OF ○ × ...	
USAGE RIGHT FOR THREE DAYS		
SIX MONTHS		¥850-
TWELVE MONTHS		¥1,650-
USAGE RIGHT FOR SEVEN DAYS		
SIX MONTHS		¥2,000-
TWELVE MONTHS		¥3,850-
USAGE RIGHT FOR ONE MONTH		
SIX MONTHS		¥3,000-
TWELVE MONTHS		¥6,050-
USAGE RIGHT FOR AN INDEFINITE PERIOD		
SIX MONTHS		¥5,000-
TWELVE MONTHS		¥9,350-

③ IF THE CONTENTS ALREADY EXIST, PLURAL LICENSE COMMODITIES
CAN BE COMMERCIALIZED AS A BATCH.

[EXAMPLE]

EACH ISSUE OF ALL SEVENTEEN TECHNICAL MAGAZINES DESCRIBING DRM:	
USAGE RIGHT FOR THREE DAYS	¥2,400-
USAGE RIGHT FOR SEVEN DAYS	¥5,600-
USAGE RIGHT FOR ONE MONTH	¥8,800-
USAGE RIGHT FOR AN INDEFINITE PERIOD	¥13,600-

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FIG. 19

PROOF OF PURCHASE

PROOF OF PURCHASE ID
eBox/pBox TYPE
COMMODITY ID
PURCHASE ITEM NAME
CONTENTS DOWNLOADING URL
PURCHASE AMOUNT (EXCLUSIVE OF TAX)
CONSUMPTION TAX RATE
PURCHASE DATE AND TIME
IP ADDRESS OF PURCHASE TERMINAL
SHOP NAME PURCHASING ITEMS
STOREFRONT URL
NAME OF LICENSE DISTRIBUTOR
NAME OF CUSTOMER SUPPORT SERVICE
SUPPORT SERVICE TELEPHONE NUMBER
SUPPORT SERVICE Email ADDRESS
SIGNATURE DATA

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FIG. 20

pBOX

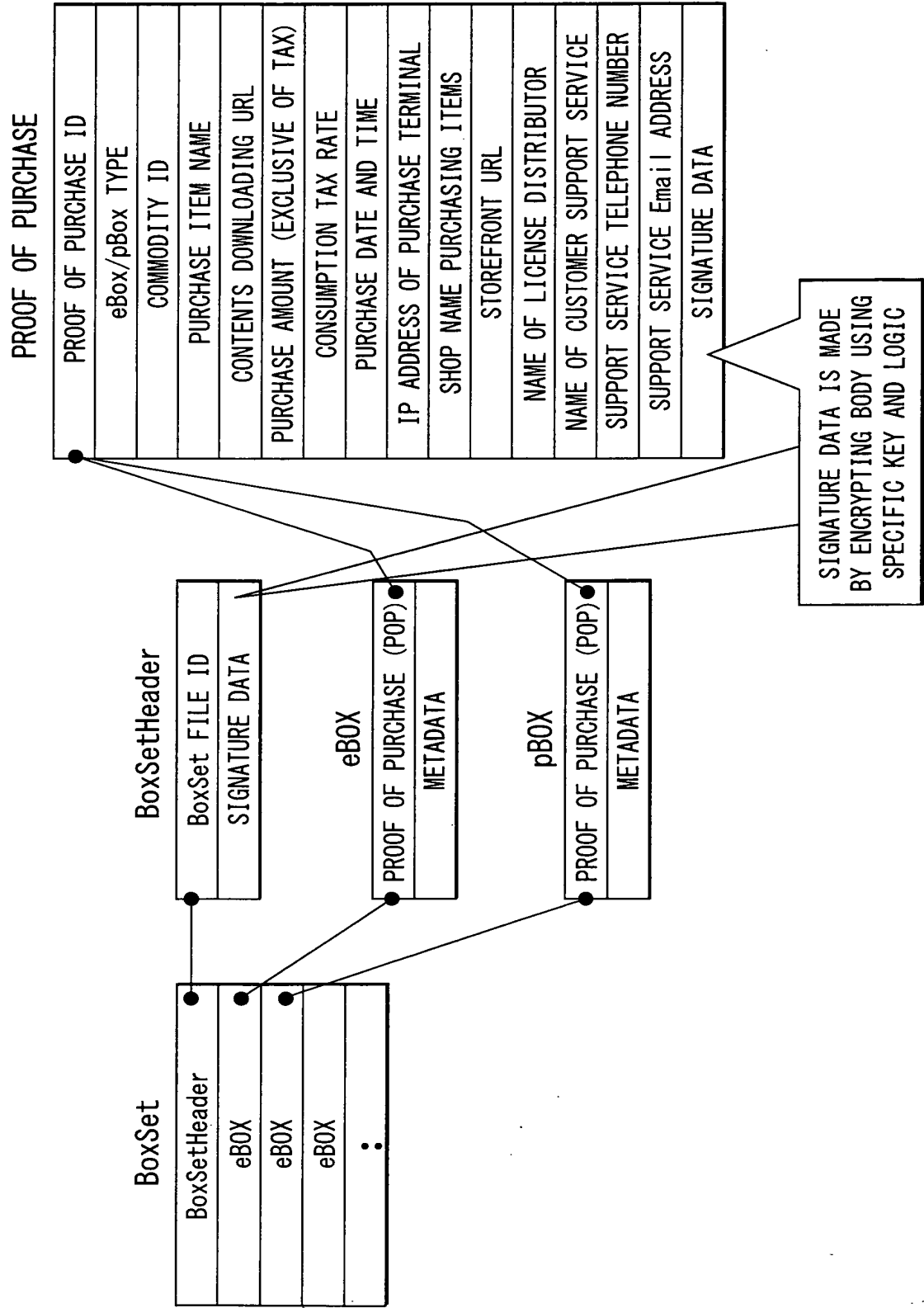
PROOF OF PURCHASE (POP)
METADATA

FIG. 21

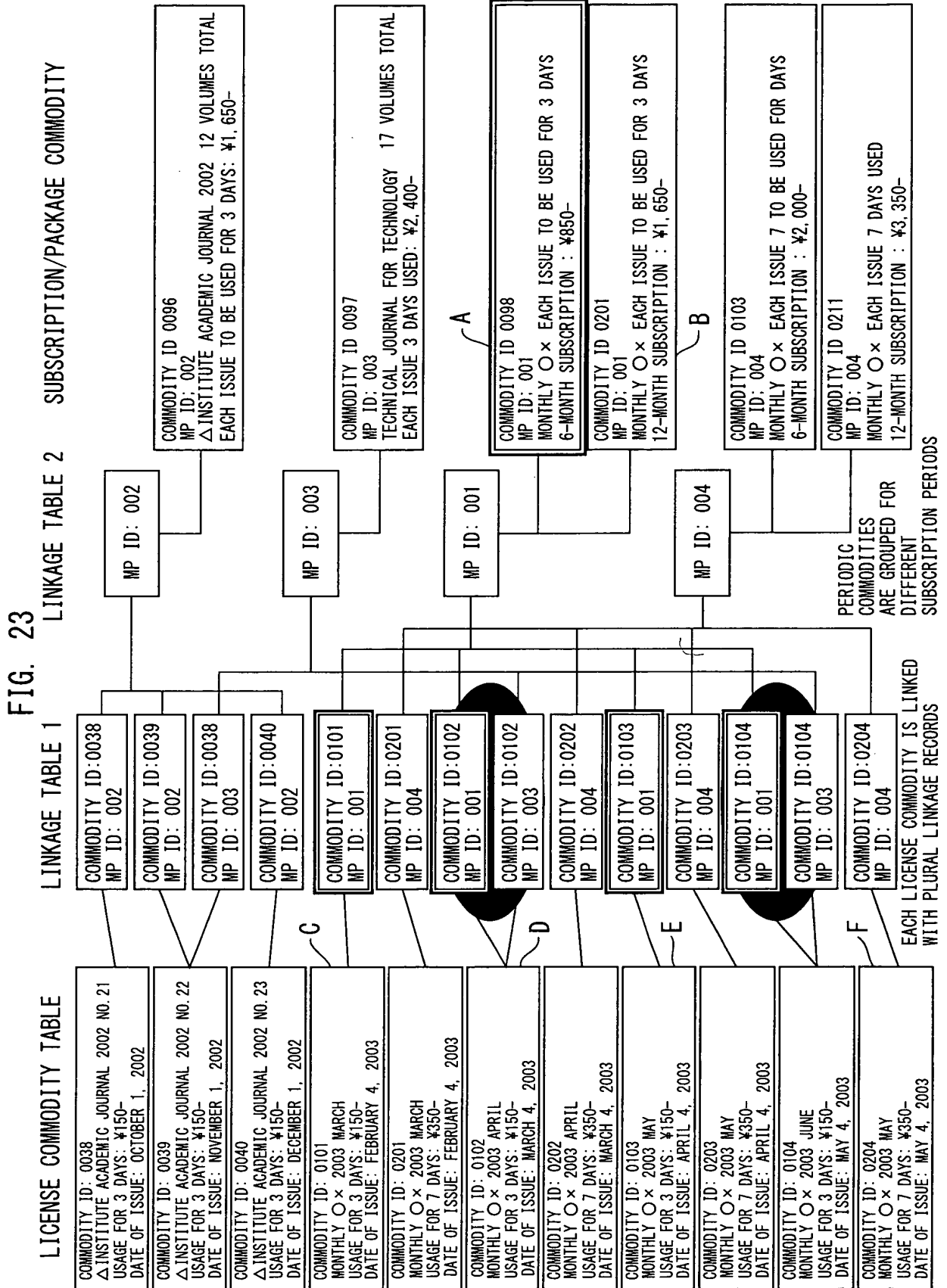
BoxSet

BoxSetHeader
eBOX
pBOX
eBOX
:

FIG. 22



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FIG. 24

CREATED pBox PROOF OF PURCHASE

PROOF OF PURCHASE ID = 00326
eBox/pBox TYPE = pBox
COMMODITY ID = 0098
PURCHASE ITEM NAME = ...
CONTENTS DOWNLOADING URL = ...
PURCHASE AMOUNT (EXCLUSIVE OF TAX) = ...
CONSUMPTION TAX RATE = ...
PURCHASE DATE AND TIME = 2003/01/03 15:27:32
IP ADDRESS OF PURCHASE TERMINAL = ...
SHOP NAME PURCHASING ITEMS = ...
STOREFRONT URL
NAME OF LICENSE DISTRIBUTOR = ...
NAME OF CUSTOMER SUPPORT SERVICE = ...
SUPPORT SERVICE TELEPHONE NUMBER = ...
SUPPORT SERVICE Email ADDRESS = ...
SIGNATURE DATA

AUTOMATIC NUMBERING IN
THE CASE OF ADDING RECORD TO
POP CREATION HISTORY TABLE

TYPE AND COMMODITY ID DESIGNATED
BY CONSUMER Web BROWSER

FIG. 25

POP CREATION HISTORY TABLE						
PROOF OF PURCHASE ID	EXPIRATION PERIOD	COMMODITY ID	PARENT POP ID	LAST PROVISION DATA AND TIME		
• : 00324	• : 2003/05/22 ...	0038	• : —	• : —	• : —	• : —
00325	2003/05/25 ...	0202	—	—	—	—
00326	2003/07/03 15:27:31	0098	—	2003/01/03 15:27:31	15:27:31	

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FIG. 26

(a)

CREATED eBox
 PROOF OF PURCHASE ①

PROOF OF PURCHASE ID = 00340
eBox/pBox TYPE = eBox
COMMODITY ID = 0101
PURCHASE ITEM NAME =
:
SUPPORT SERVICE ELEPHONE NUMBER = ...
SUPPORT SERVICE Email ADDRESS =
SIGNATURE DATA

(b)

CREATED eBox
 PROOF OF PURCHASE ②

PROOF OF PURCHASE ID = 00341
eBox/pBox TYPE = eBox
COMMODITY ID = 0102
PURCHASE ITEM NAME =
:
SUPPORT SERVICE ELEPHONE NUMBER = ...
SUPPORT SERVICE Email ADDRESS =
SIGNATURE DATA

(c)

CREATED eBox
 PROOF OF PURCHASE ③

PROOF OF PURCHASE ID = 00342
eBox/pBox TYPE = eBox
COMMODITY ID = 0103
PURCHASE ITEM NAME =
:
SUPPORT SERVICE ELEPHONE NUMBER = ...
SUPPORT SERVICE Email ADDRESS =
SIGNATURE DATA

(d)

CREATED eBox
 PROOF OF PURCHASE ④

PROOF OF PURCHASE ID = 00343
eBox/pBox TYPE = eBox
COMMODITY ID = 0104
PURCHASE ITEM NAME =
:
SUPPORT SERVICE ELEPHONE NUMBER = ...
SUPPORT SERVICE Email ADDRESS =
SIGNATURE DATA

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FIG. 27

POP CREATION HISTORY TABLE

PROOF OF PURCHASE ID	EXPIRATION PERIOD	COMMODITY ID	PARENT POP ID	LAST PROVISION DATE AND TIME
:	:	:	:	:
00324	2003/05/22 ...	0038	—	—
00325	2003/05/25 ...	0202	—	—
00325	2003/07/03 15:27:31	0098	—	2003.06.06 13:21
:	:	:	:	:
00340	2003/05/22 12:47:21	0101	00326	—
00341	2003/05/22 12:47:21	0102	00326	—
00342	2003/05/22 12:47:21	0103	00326	—
00343	2003/05/22 12:47:21	0104	00326	—

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FIG. 28

POP CREATION HISTORY TABLE				
PROOF OF PURCHASE ID	EXPIRATION PERIOD	COMMODITY ID	PARENT POP ID	ID OF EXISTING COMMODITY ID TO BE PROVIDED
:	:	:	:	:
00324	2003/05/22 ...	0038	—	—
00325	2003/05/25 ...	0202	—	—
00325	2003/07/03 15:27:31	0098	—	0101. 0102. 0103. 0104
:	:	:	:	:
00340	2003/05/22 12:47:21	0101	00326	—
00341	2003/05/22 12:47:21	0102	00326	—
00342	2003/05/22 12:47:21	0103	00326	—
00343	2003/05/22 12:47:21	0104	00326	—

SINCE LICENSE ACQUISITION SEQUENCE USING pBox PROOF OF PURCHASE CANNOT BE FOUND, THIS RECORD EXISTS UNTIL EXPIRATION DATE.

ALTHOUGH LICENSE IS ACQUIRED USING RELEVANT PROOF OF PURCHASE, THIS RECORD IS DELETED AFTER EXPIRATION DATE.

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FIG. 29

POP CREATION HISTORY TABLE

PROOF OF PURCHASE ID	EXPIRATION PERIOD	COMMODITY ID	PARENT POP ID	LAST PROVISION DATE AND TIME
:	:	:	:	:
00324	2003/05/22 ...	0038	—	—
00325	2003/05/25 ...	0202	—	—
00325	2003/07/03 15:27:31	0098	—	2003.06.06 13:21
:	:	:	:	:
00340	2003/05/22 12:47:21	0101	00326	—
00341	2003/05/22 12:47:21	0102	00326	—
00342	2003/05/22 12:47:21	0103	00326	—
00343	2003/05/22 12:47:21	0104	00326	—

REUSE OF PROOF OF PURCHASE ID

CONSTANTLY eBox FOR RE-ISSUANCE

LICENSE COMMODITY TABLE

(a) CREATED eBox PROOF OF PURCHASE ①

PROOF OF PURCHASE ID = 00340
eBox/pBox TYPE = eBox
COMMODITY ID = 0101
PURCHASE ITEM NAME =
:
SUPPORT SERVICE ELEPHONE NUMBER = ...
SUPPORT SERVICE Email ADDRESS =
SIGNATURE DATA

(b) CREATED eBox PROOF OF PURCHASE ②

PROOF OF PURCHASE ID = 00341
eBox/pBox TYPE = eBox
COMMODITY ID = 0102
PURCHASE ITEM NAME =
:
SUPPORT SERVICE ELEPHONE NUMBER = ...
SUPPORT SERVICE Email ADDRESS =
SIGNATURE DATA

(c) CREATED eBox PROOF OF PURCHASE ③

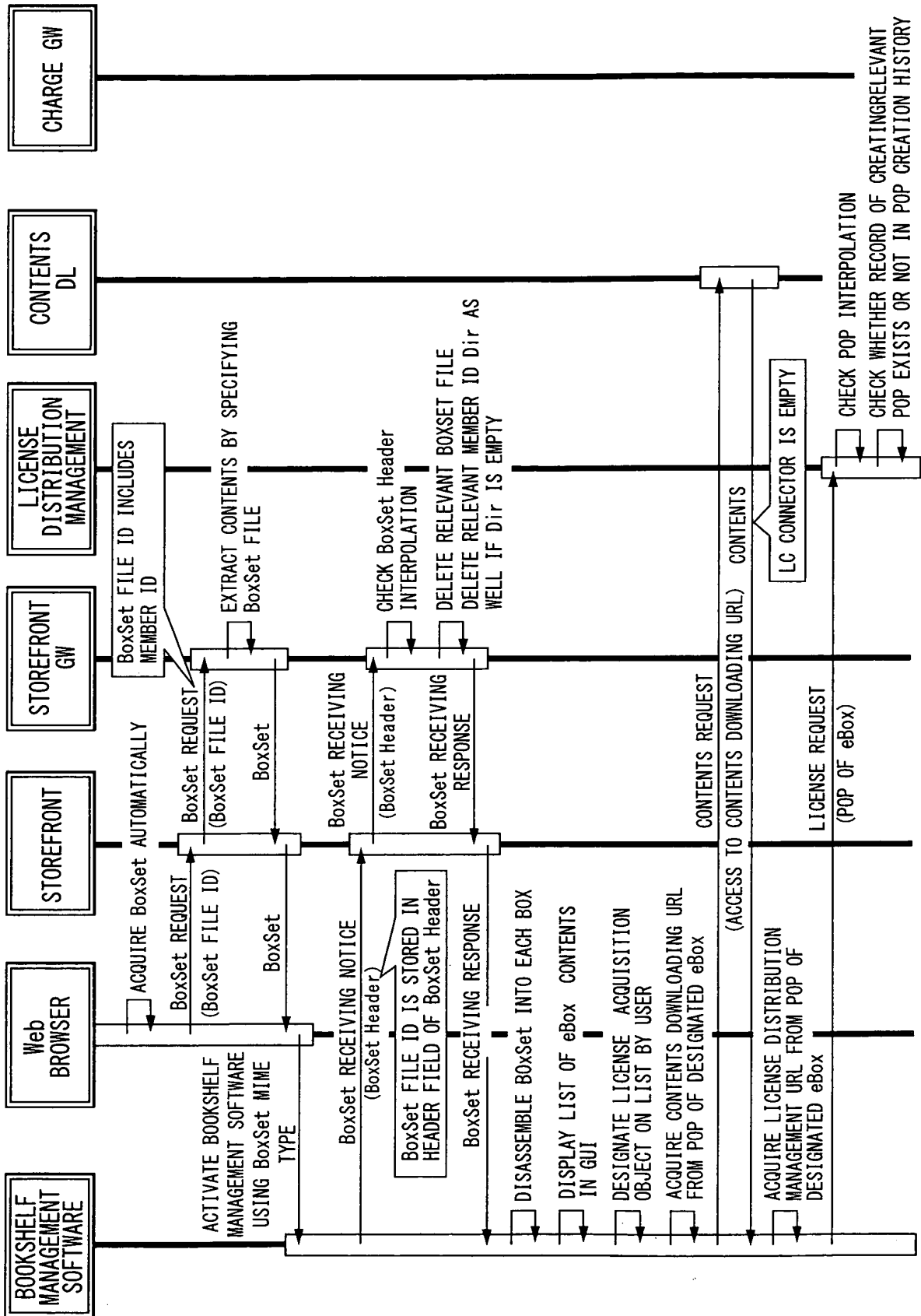
PROOF OF PURCHASE ID = 00342
eBox/pBox TYPE = eBox
COMMODITY ID = 0103
PURCHASE ITEM NAME =
:
SUPPORT SERVICE ELEPHONE NUMBER = ...
SUPPORT SERVICE Email ADDRESS =
SIGNATURE DATA

(d) CREATED eBox PROOF OF PURCHASE ④

PROOF OF PURCHASE ID = 00343
eBox/pBox TYPE = eBox
COMMODITY ID = 0104
PURCHASE ITEM NAME =
:
SUPPORT SERVICE ELEPHONE NUMBER = ...
SUPPORT SERVICE Email ADDRESS =
SIGNATURE DATA

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FIG. 30



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FIG. 31

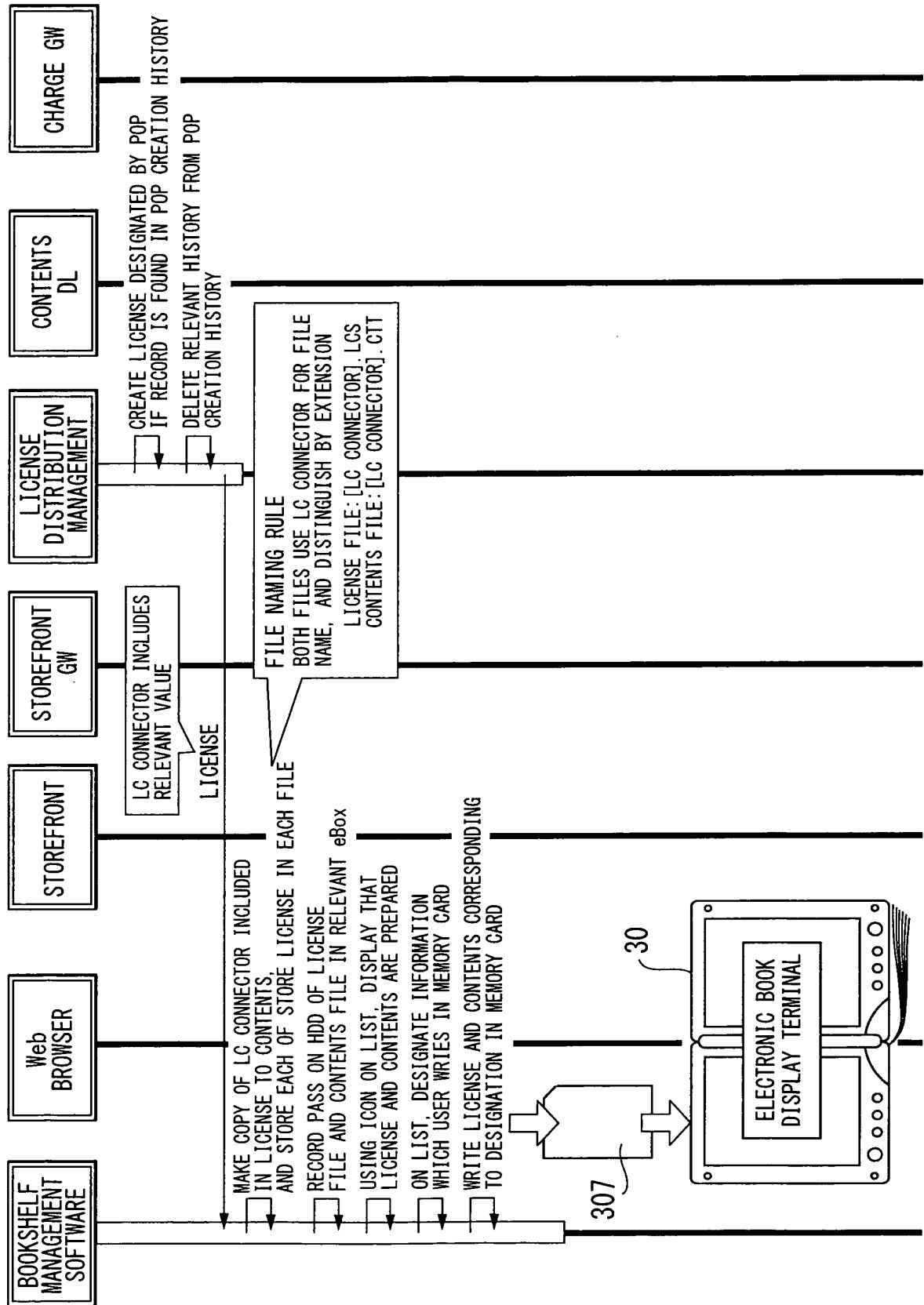
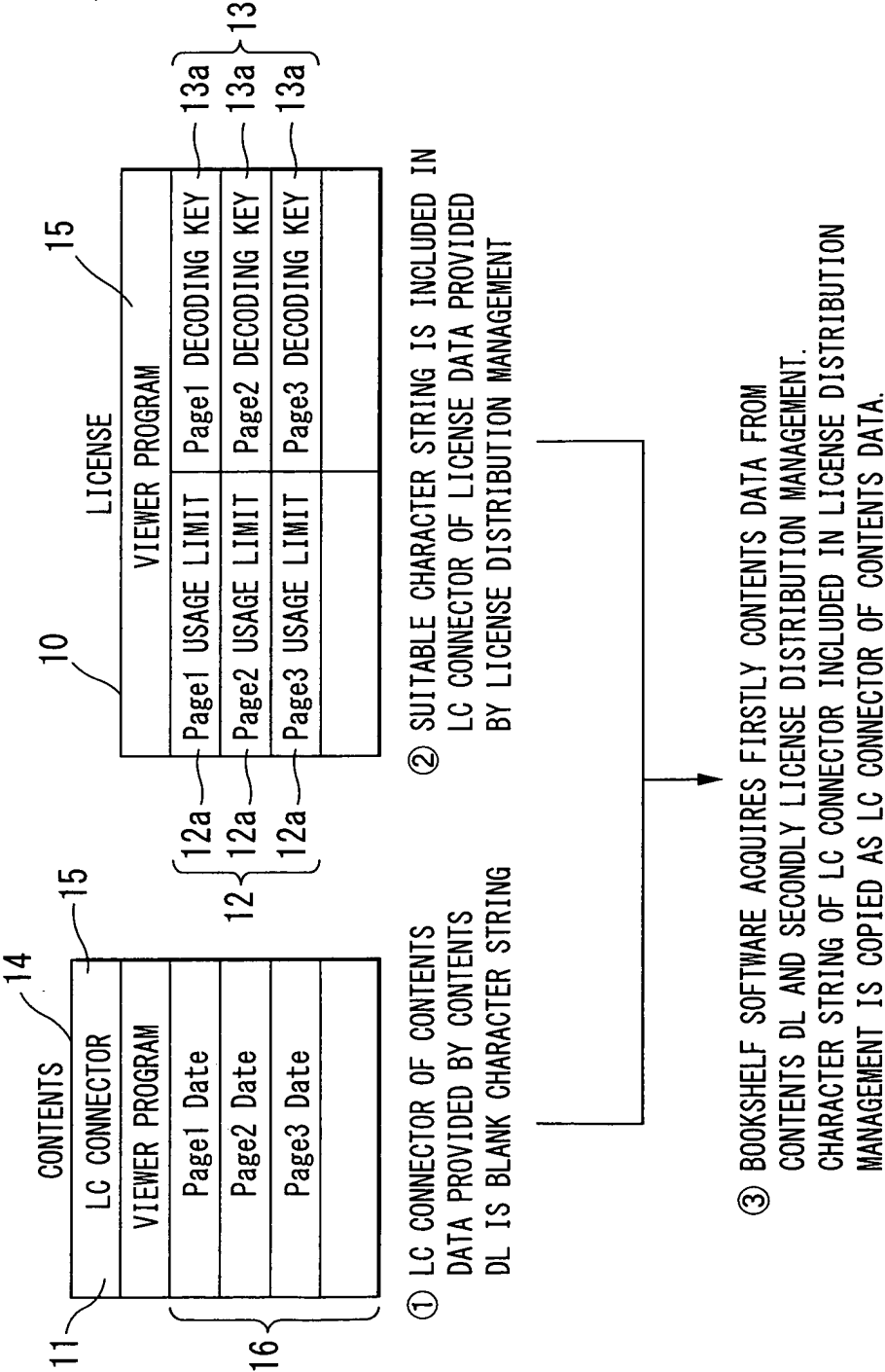


FIG. 32

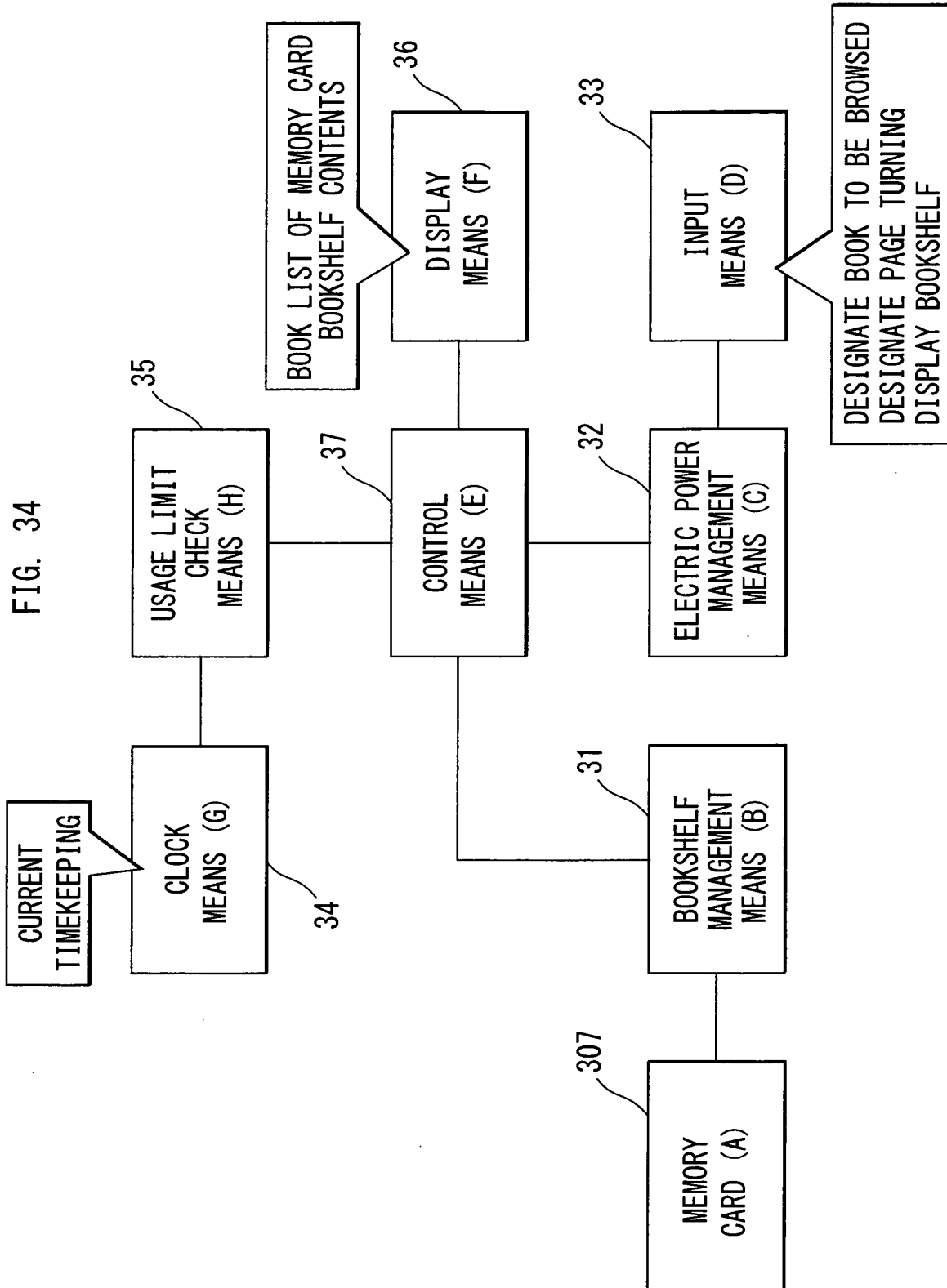


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FIG. 33

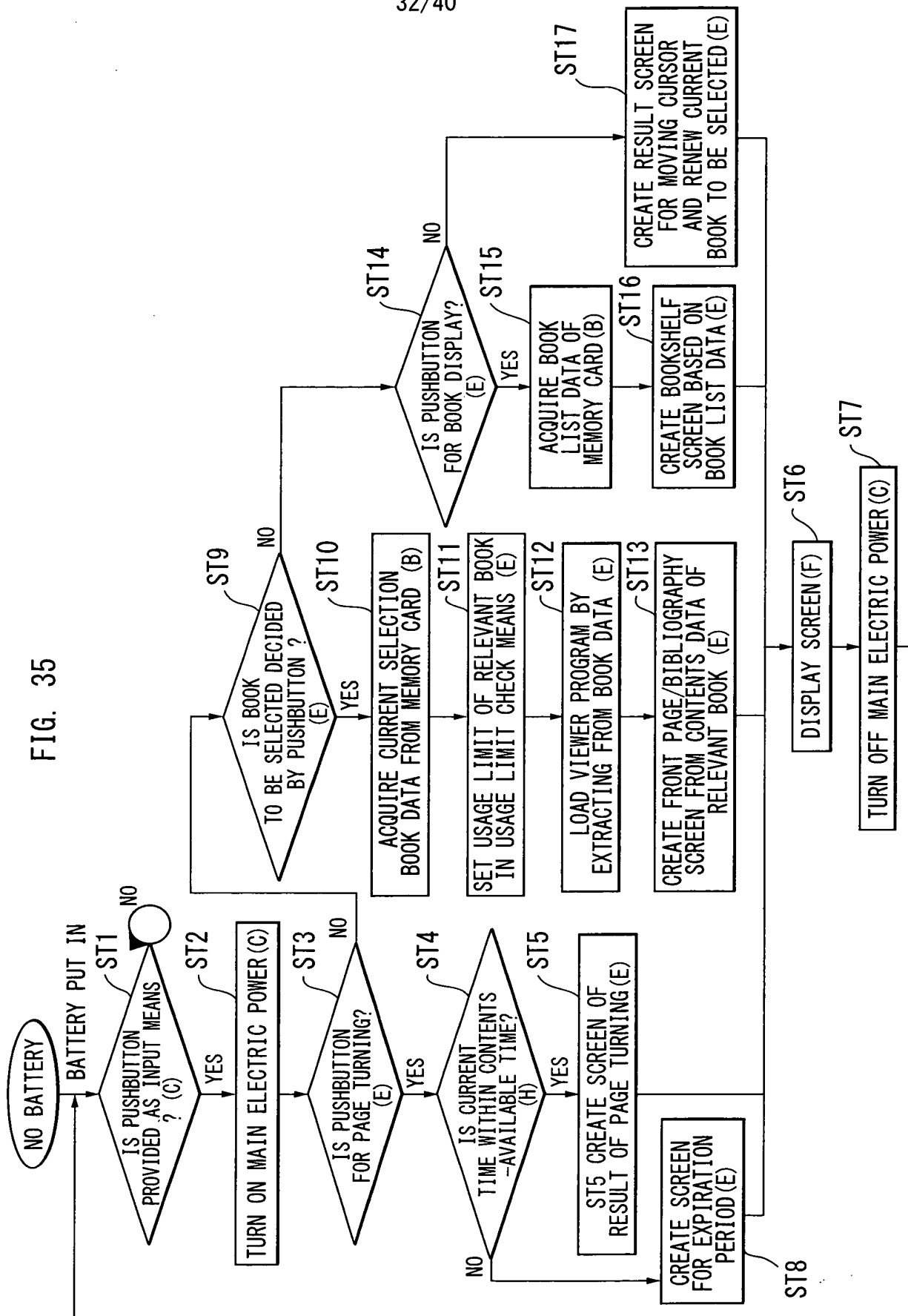
STATE	TITLE	AUTHOR	PURCHASE DATA AND TIME
25	MATUSHITA CO. LTD. ...	TARO MATSUSHITA	15:39, JUNE 15, 2003
26	ELECTRONIC BOOK ...	HANAKO MATUSHITA	15:39, JUNE 15, 2003
	BUSINESSMAN ENGLISH CONVERSATION ...	MR. SMITH	16:00, JUNE 25, 2003
	JAPANESE ECONOMY ...	YUTAKA FUGO	07:00, JUNE 26, 2003
	:	:	:

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FIG. 35



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FIG. 36

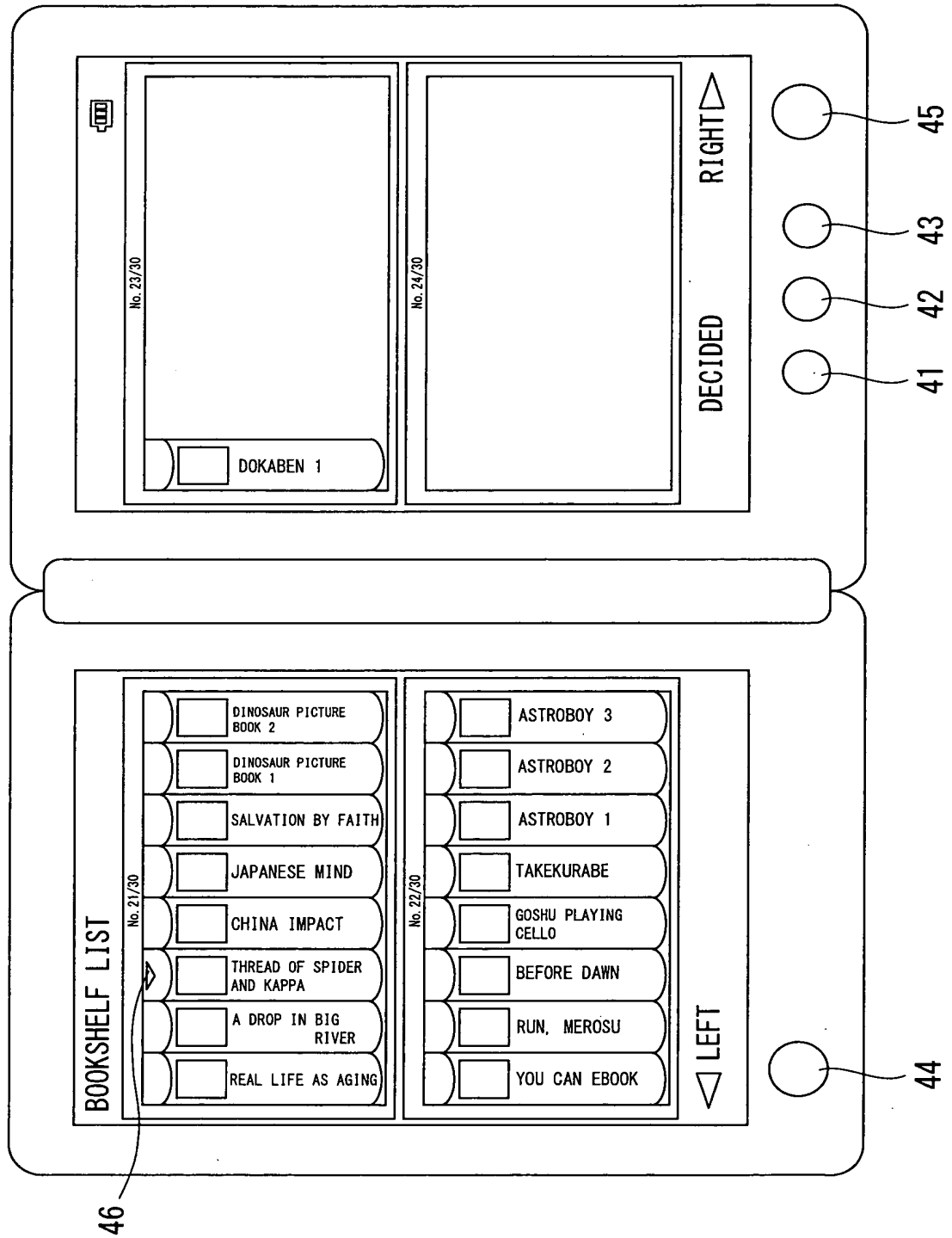


FIG. 37

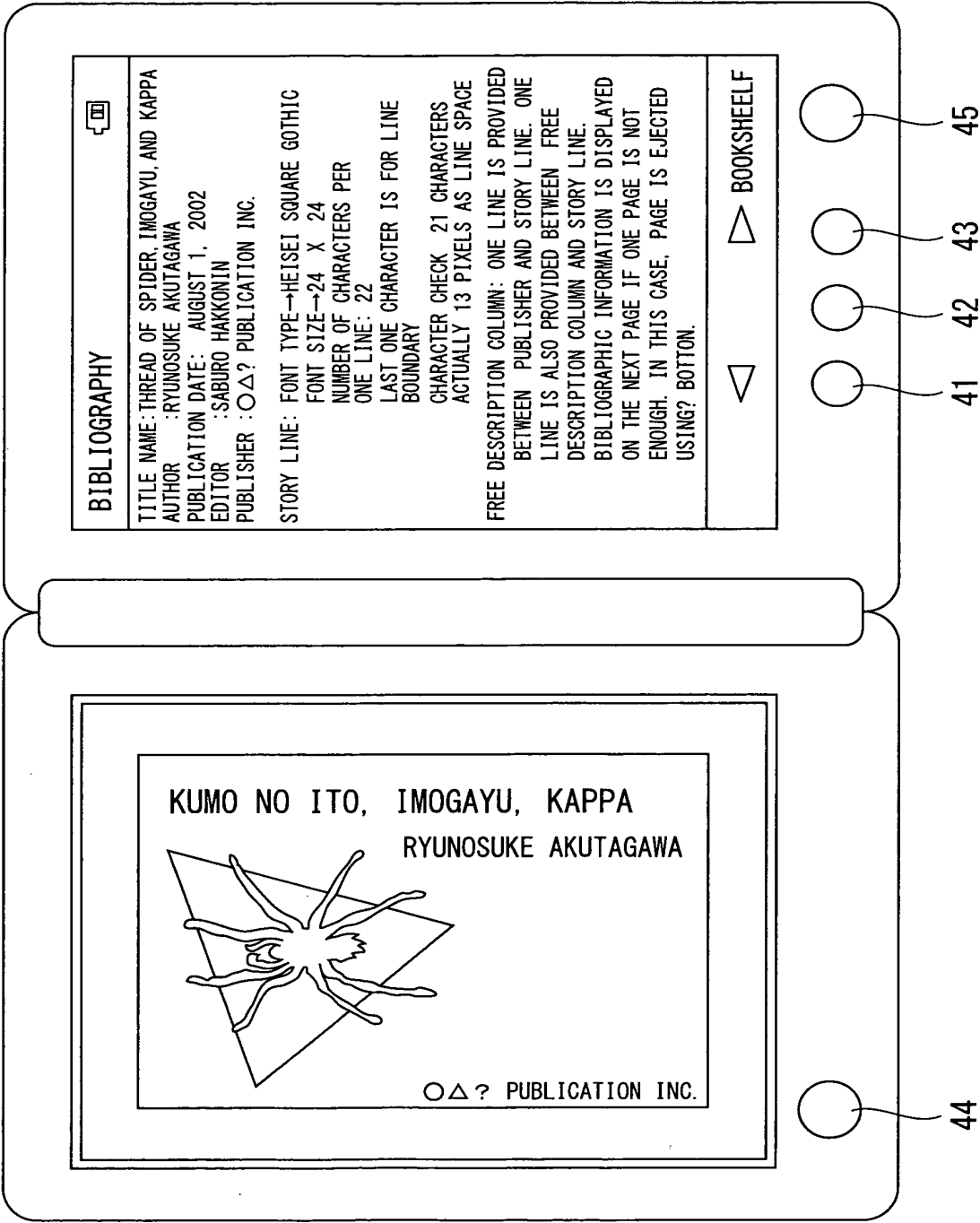


FIG. 38

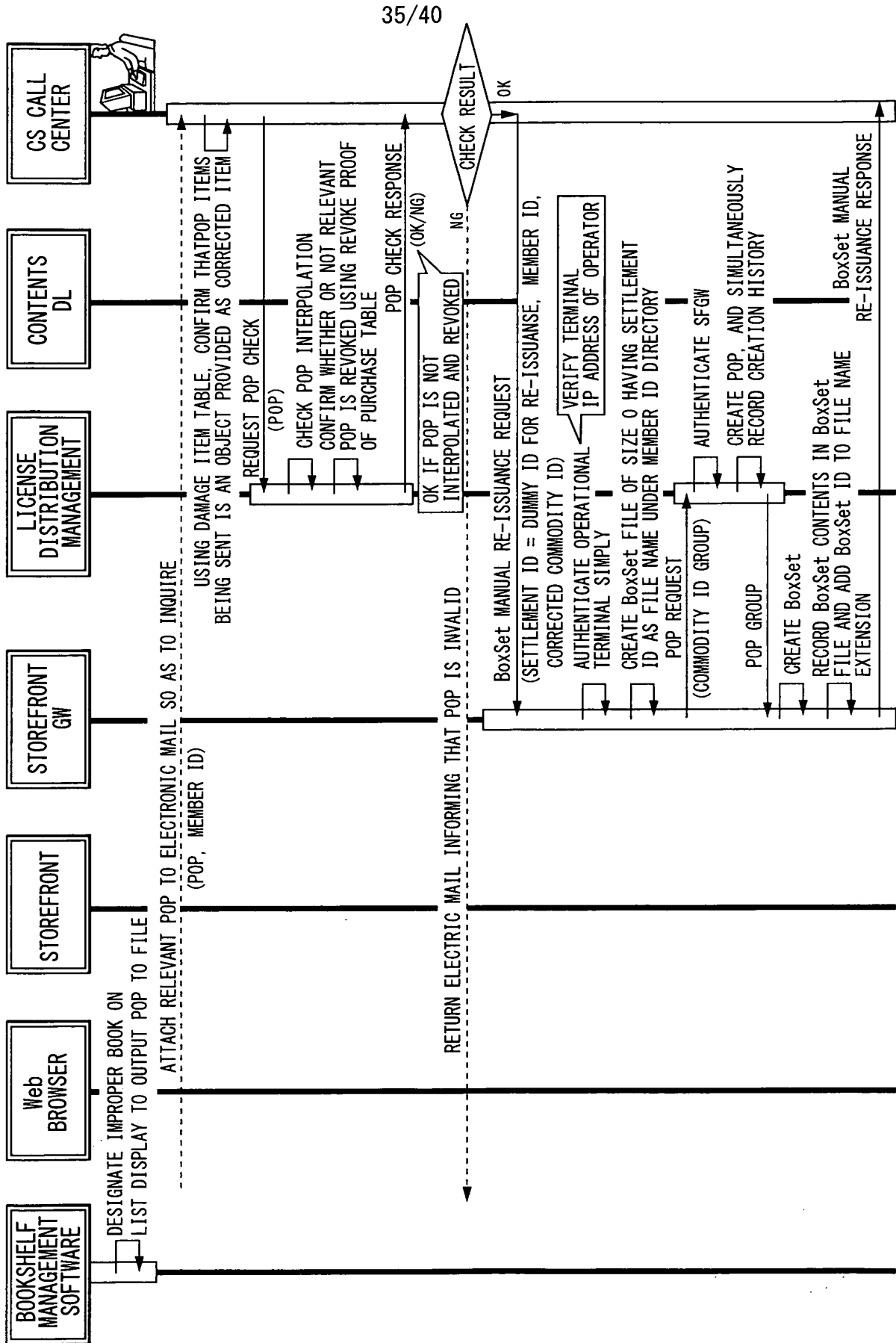


FIG. 40

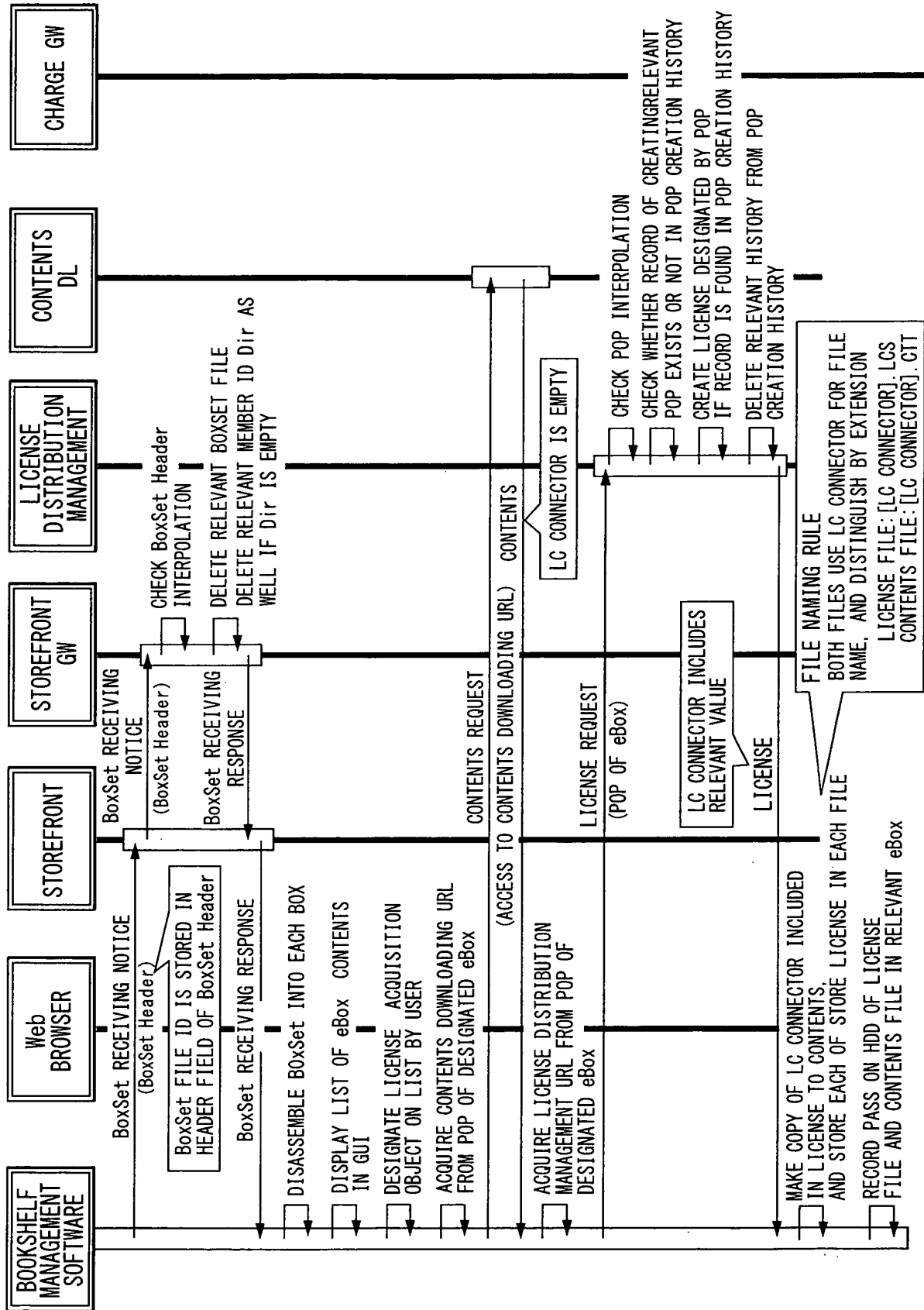
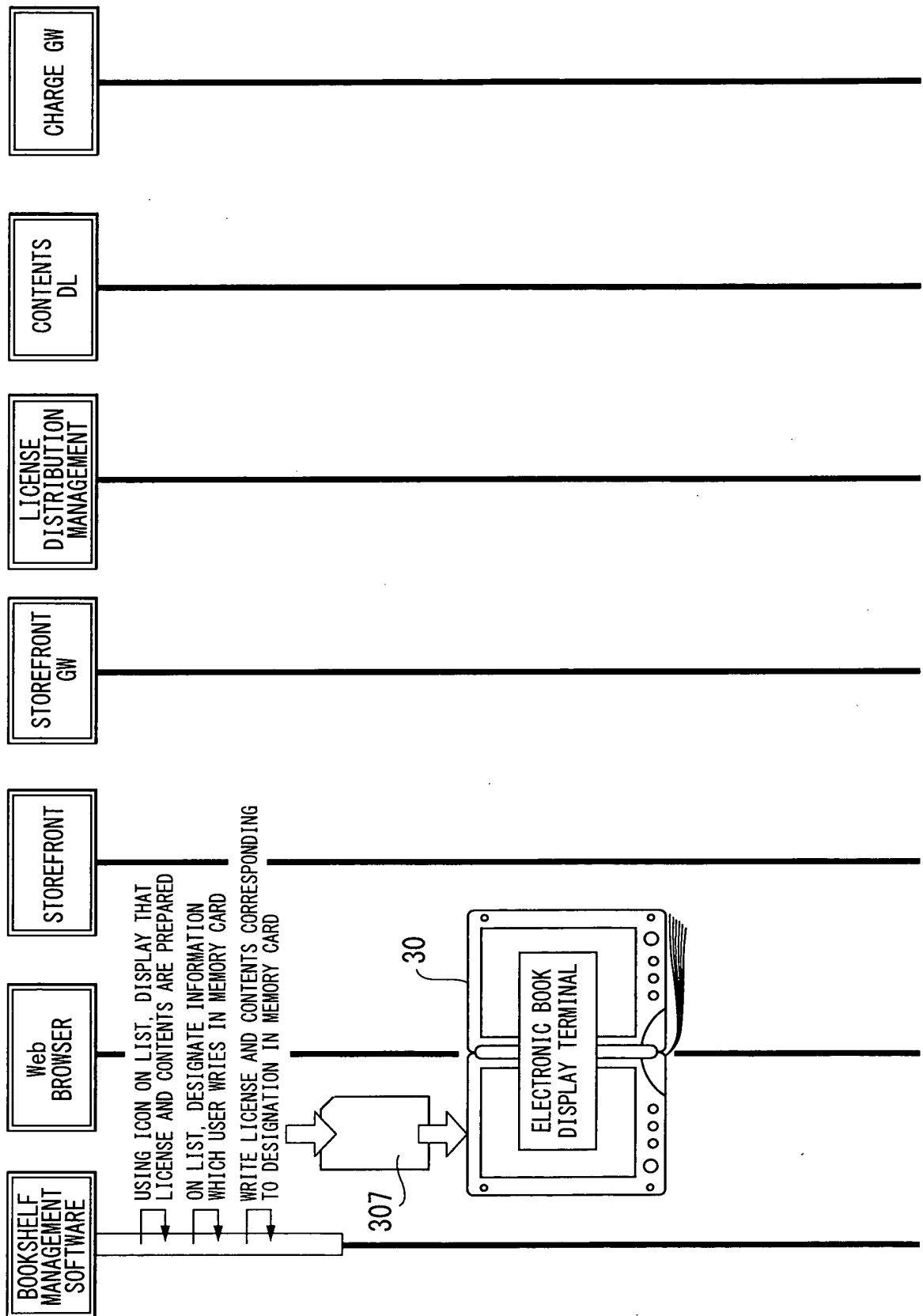


FIG. 41



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FIG. 42

DAMAGED COMMODITY TABLE

DAMAGED COMMODITY ID	CORRECTED COMMODITY ID
0329380	0424933
0362494	2726144
5117162	5627911
3186297	3901151
:	:

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FIG. 43

REVOKE PROOF OF PURCHASE TABLE

PROOF OF PURCHASE ID	REASON FOR REVOKE
92613342	COUNTERMEASURE AGAINST DAMAGE OF COMMODITY 0362494
63238770	COUNTERMEASURE AGAINST DAMAGE OF COMMODITY 0362494
72235186	COUNTERMEASURE AGAINST DAMAGE OF COMMODITY 5117162
41479018	COUNTERMEASURE AGAINST DAMAGE OF COMMODITY 0329380
:	: